

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040804.D
 Acq On : 11 Jul 2023 09:40
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4169

Quant Time: Jul 12 04:26:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 03:54:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

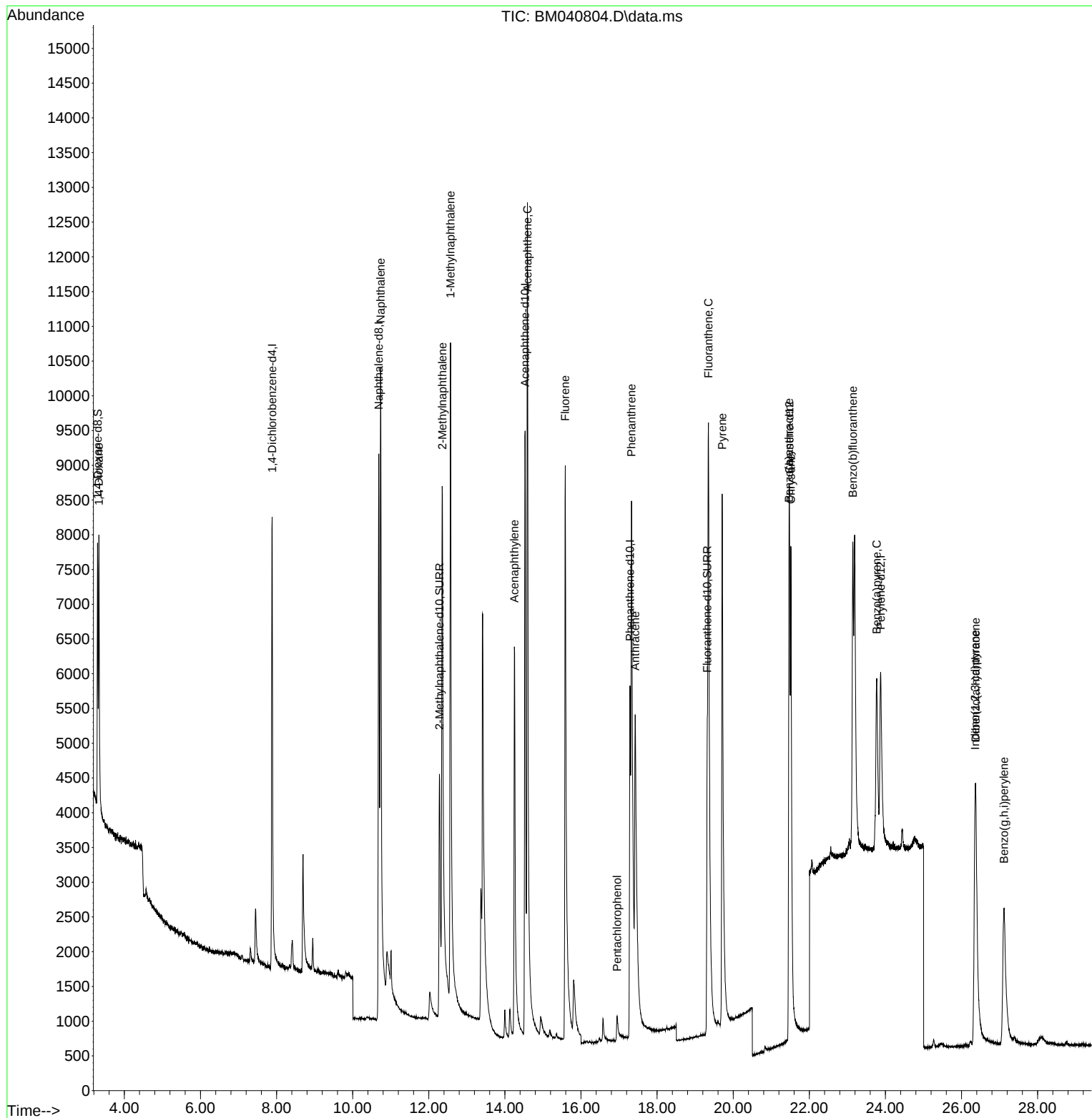
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	4273	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	15985	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	6705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.287	188	10864	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	6686	0.400	ng/ul	0.00
23) Perylene-d12	23.877	264	5495	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2857	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	8256	0.368	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	9349	0.436	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	2575	0.377	ng/ul#	87
5) Naphthalene	10.735	128	16682	0.378	ng/ul	99
7) 2-Methylnaphthalene	12.357	142	9413	0.364	ng/ul	97
8) 1-Methylnaphthalene	12.572	142	8864	0.343	ng/ul	98
10) Acenaphthylene	14.250	152	10869	0.363	ng/ul	97
11) Acenaphthene	14.592	153	9647	0.381	ng/ul	98
12) Fluorene	15.587	166	9878	0.366	ng/ul	97
14) Pentachlorophenol	16.949	266	574	0.274	ng/ul	93
15) Phenanthrene	17.329	178	12451	0.369	ng/ul	97
16) Anthracene	17.426	178	10599	0.374	ng/ul	95
19) Fluoranthene	19.348	202	11898	0.419	ng/ul	99
20) Pyrene	19.710	202	12710	0.417	ng/ul	96
21) Benzo(a)anthracene	21.466	228	7624	0.337	ng/ul	99
22) Chrysene	21.518	228	9092	0.352	ng/ul	98
24) Benzo(b)fluoranthene	23.143	252	9826	0.462	ng/ul	89
26) Benzo(a)pyrene	23.772	252	6788	0.354	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.357	276	7973	0.299	ng/ul	95
28) Dibenzo(a,h)anthracene	26.371	278	6029	0.289	ng/ul#	88
29) Benzo(g,h,i)perylene	27.119	276	7670	0.328	ng/ul	96

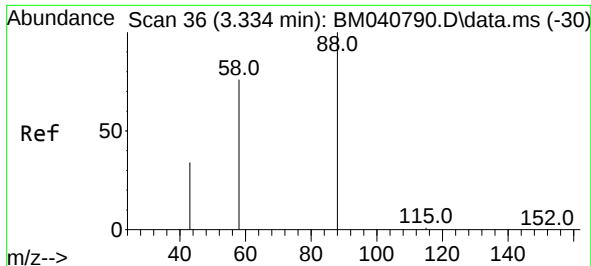
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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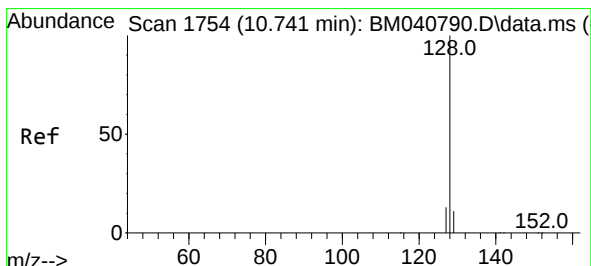
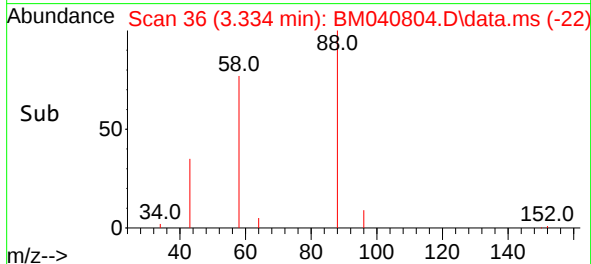
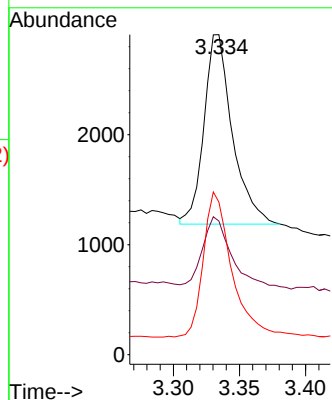
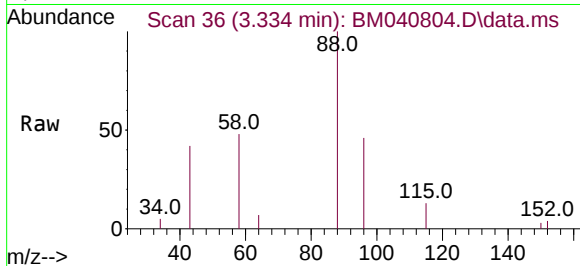




#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.334 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

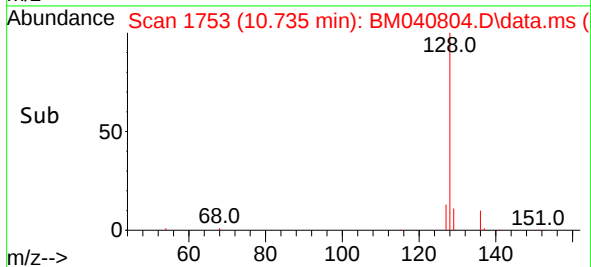
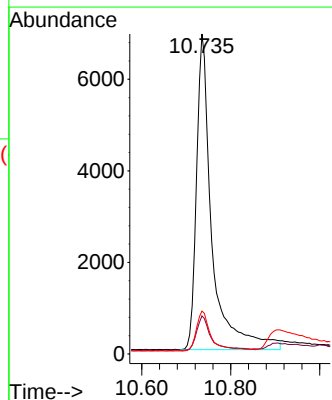
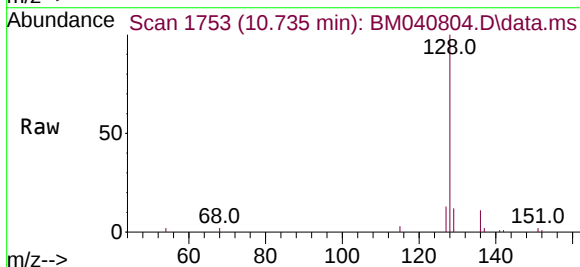
Instrument :
BNA_M
ClientSampleId :
SSTD0.4169

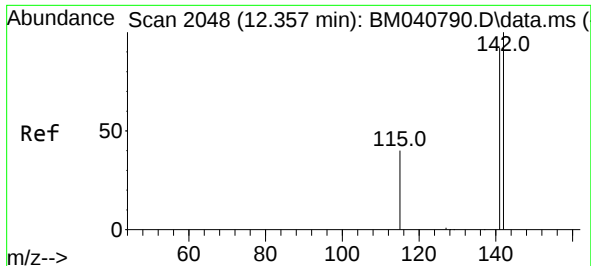
Tgt Ion: 88 Resp: 2575
Ion Ratio Lower Upper
88 100
43 41.7 36.1 54.1
58 47.6 49.8 74.8#



#5
Naphthalene
Concen: 0.378 ng/ul
RT: 10.735 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

Tgt Ion: 128 Resp: 16682
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.4 10.6 15.8

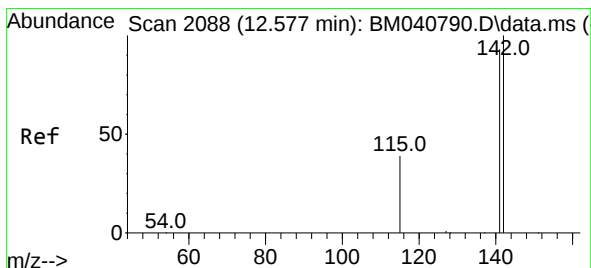
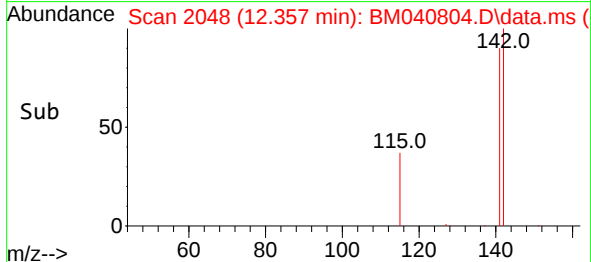
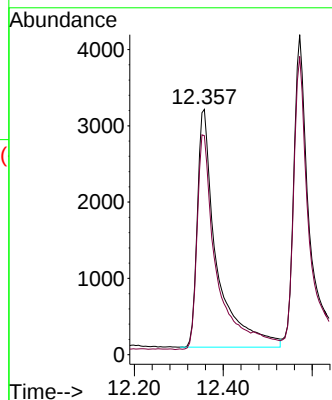
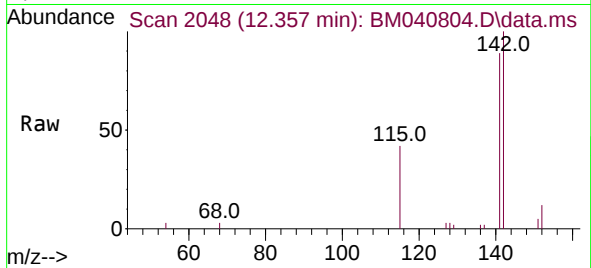




#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

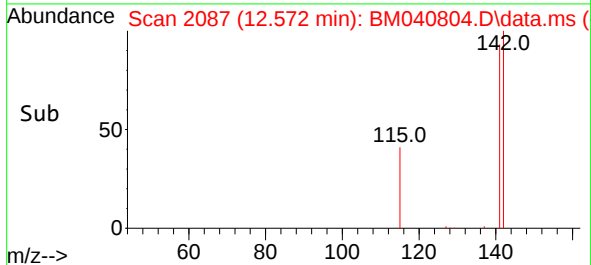
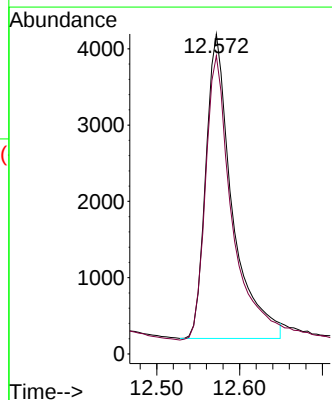
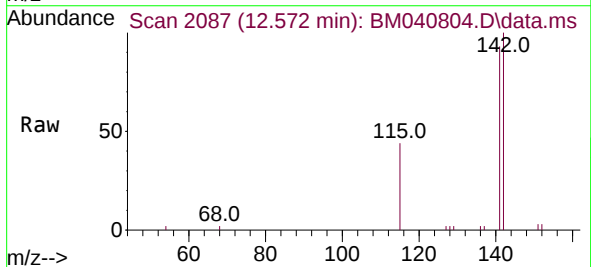
Instrument :
BNA_M
ClientSampleId :
SSTD0.4169

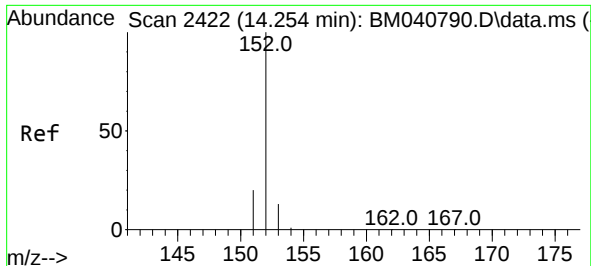
Tgt Ion:142 Resp: 9413
Ion Ratio Lower Upper
142 100
141 93.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

Tgt Ion:142 Resp: 8864
Ion Ratio Lower Upper
142 100
141 94.1 73.7 110.5

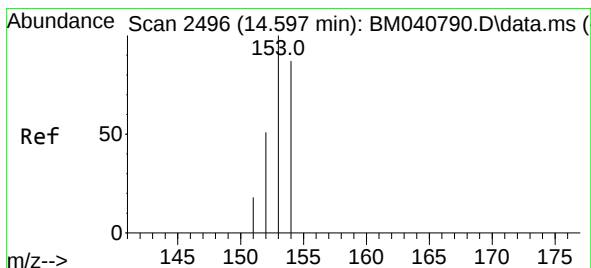
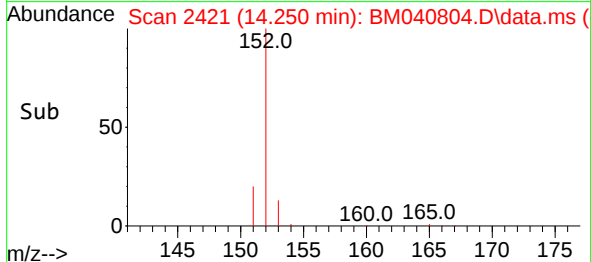
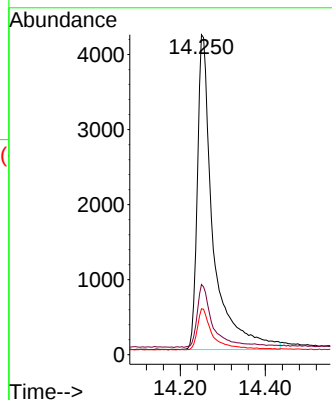
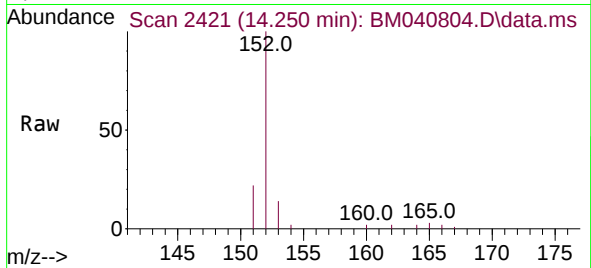




#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.250 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

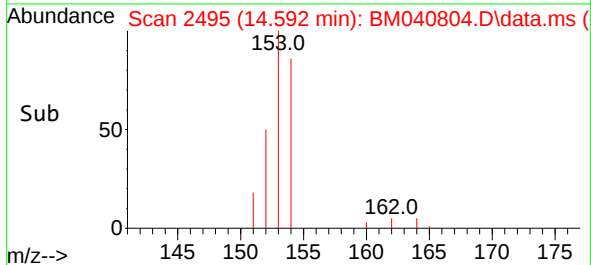
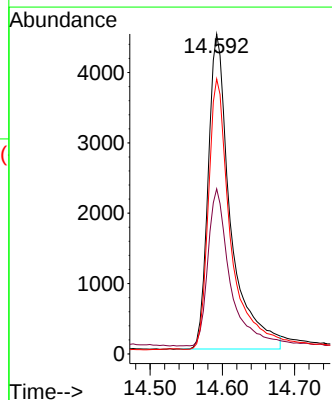
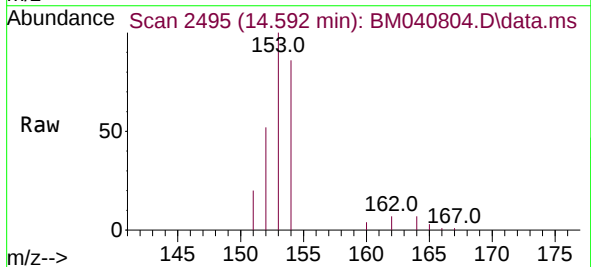
Instrument :
BNA_M
ClientSampleId :
SSTD0.4169

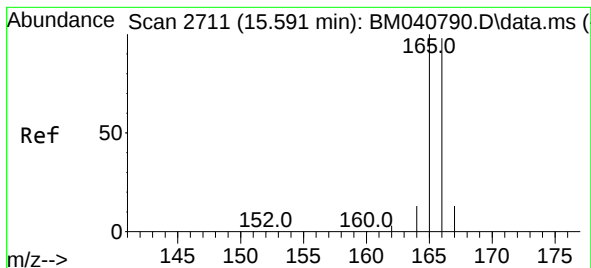
Tgt Ion:152 Resp: 10869
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.2
153 14.4 10.9 16.3



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. -0.004 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

Tgt Ion:153 Resp: 9647
Ion Ratio Lower Upper
153 100
152 51.6 41.0 61.4
154 85.9 70.8 106.2





#12

Fluorene

Concen: 0.366 ng/ul

RT: 15.587 min Scan# 21

Delta R.T. -0.004 min

Lab File: BM040804.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.4169

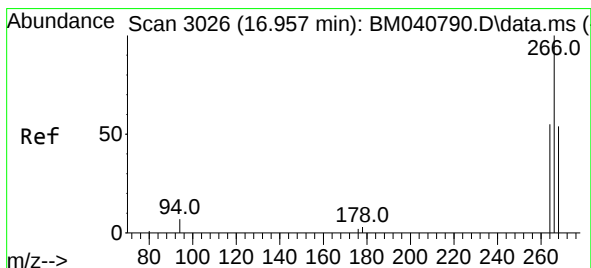
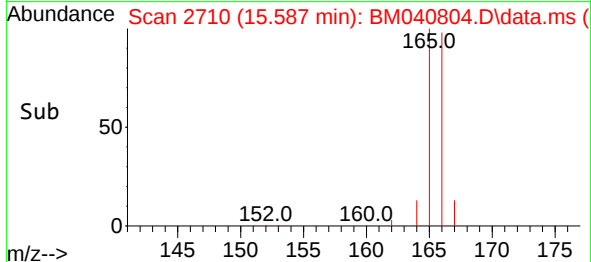
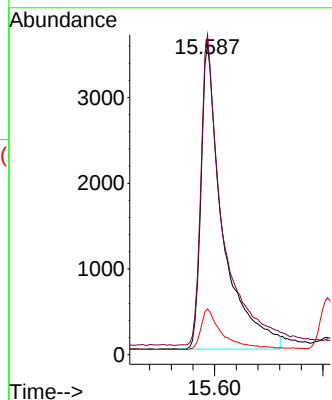
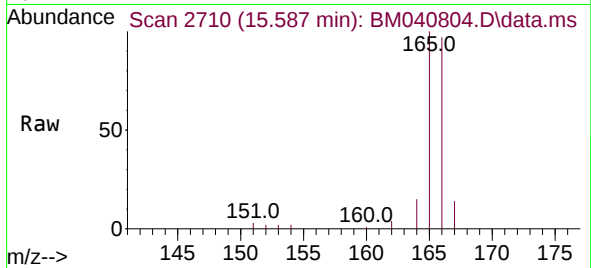
Tgt Ion:166 Resp: 9878

Ion Ratio Lower Upper

166 100

165 103.1 79.6 119.4

167 14.7 11.4 17.0



#14

Pentachlorophenol

Concen: 0.274 ng/ul

RT: 16.949 min Scan# 3024

Delta R.T. -0.008 min

Lab File: BM040804.D

Acq: 11 Jul 2023 09:40

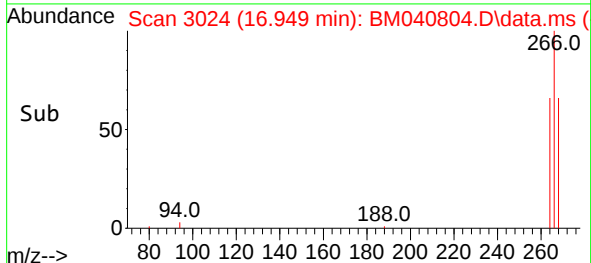
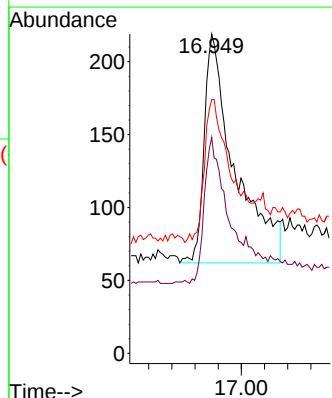
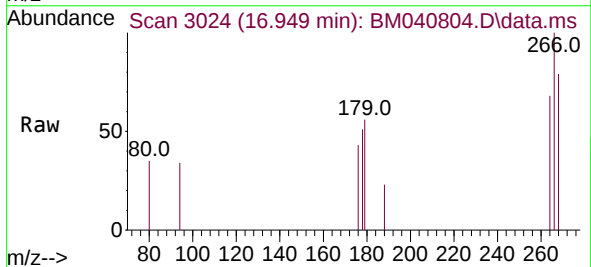
Tgt Ion:266 Resp: 574

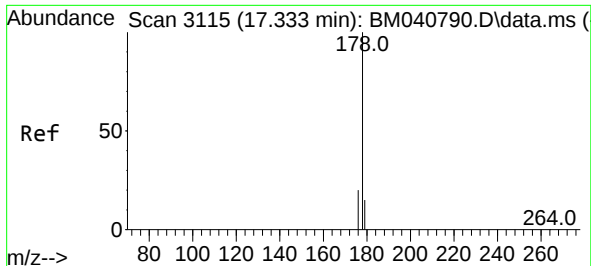
Ion Ratio Lower Upper

266 100

264 59.6 45.4 68.0

268 66.4 47.2 70.8

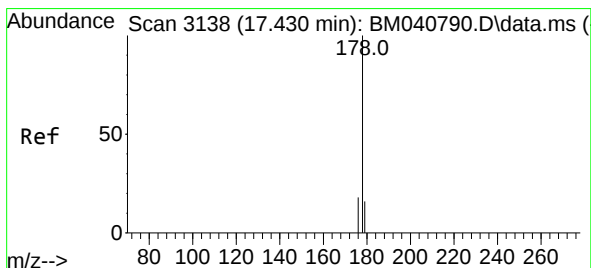
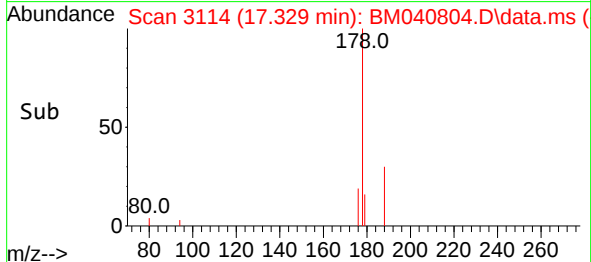
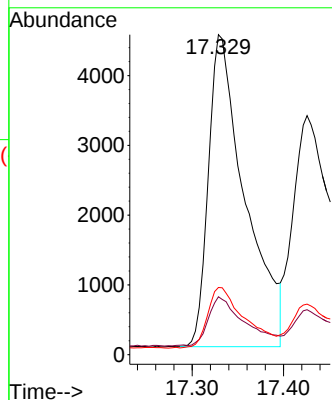
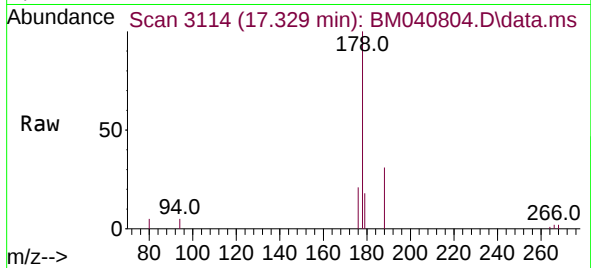




#15
Phenanthrene
Concen: 0.369 ng/ul
RT: 17.329 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

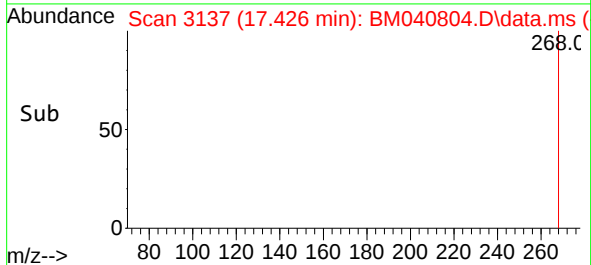
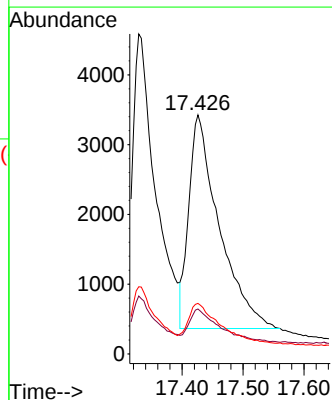
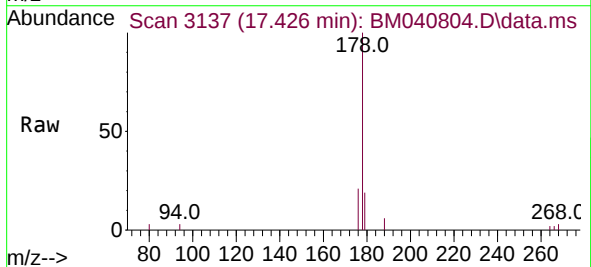
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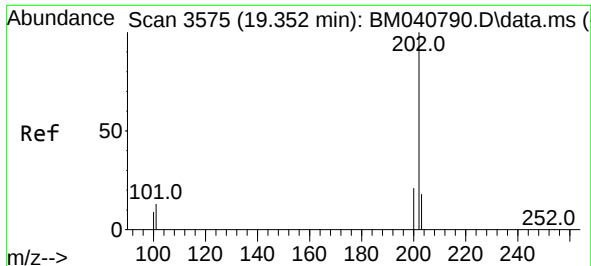
Tgt Ion:178 Resp: 12451
Ion Ratio Lower Upper
178 100
179 18.1 12.8 19.2
176 21.0 16.4 24.6



#16
Anthracene
Concen: 0.374 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

Tgt Ion:178 Resp: 10599
Ion Ratio Lower Upper
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179 18.8 12.9 19.3
176 21.1 15.8 23.6

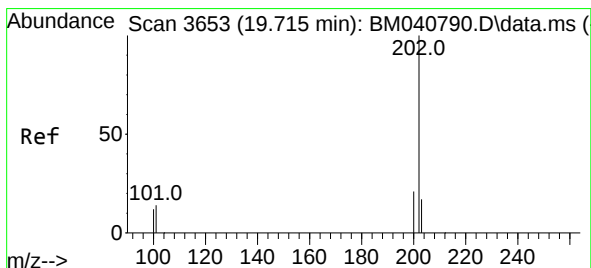
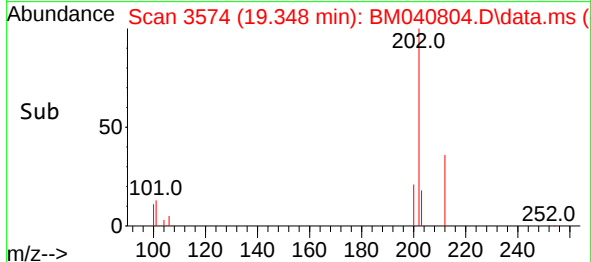
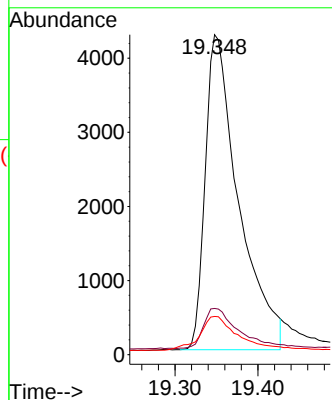
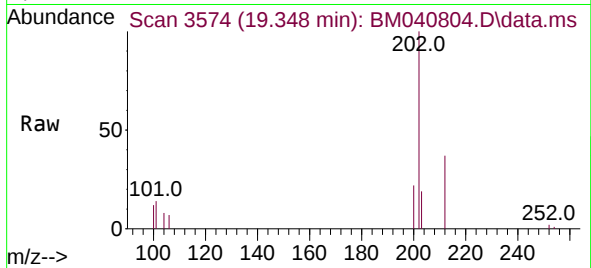




#19
Fluoranthene
Concen: 0.419 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. -0.004 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

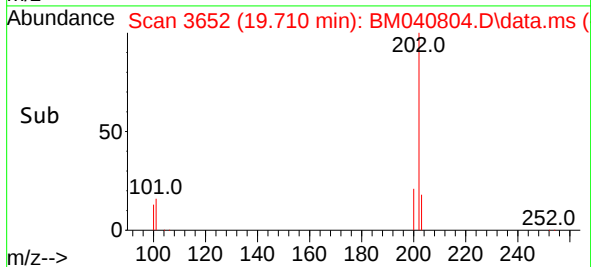
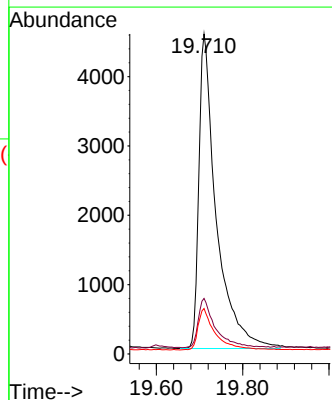
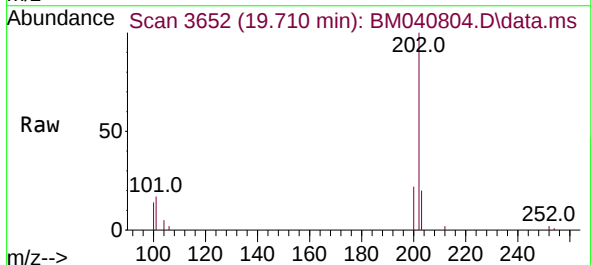
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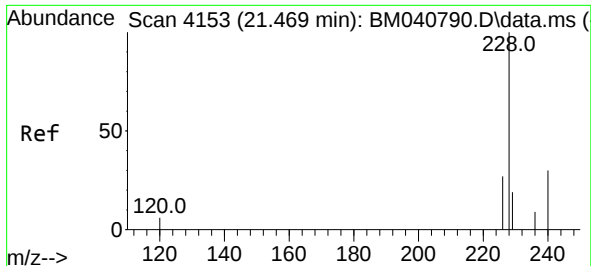
Tgt Ion:202 Resp: 11898
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 11.9 8.7 13.1



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.004 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

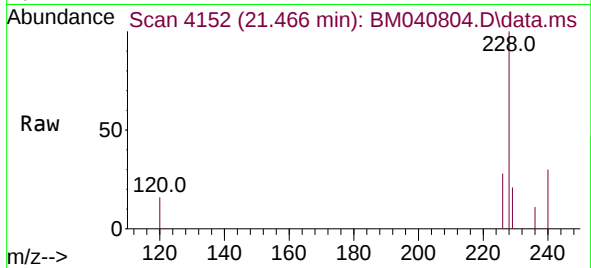
Tgt Ion:202 Resp: 12710
Ion Ratio Lower Upper
202 100
101 17.3 12.6 18.8
100 14.2 9.8 14.6



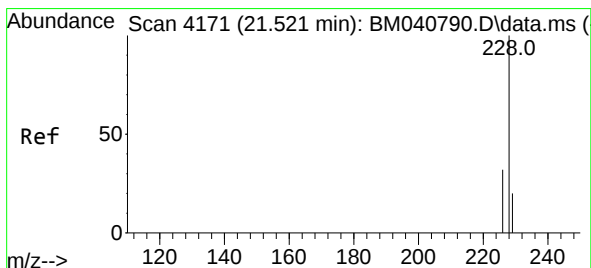
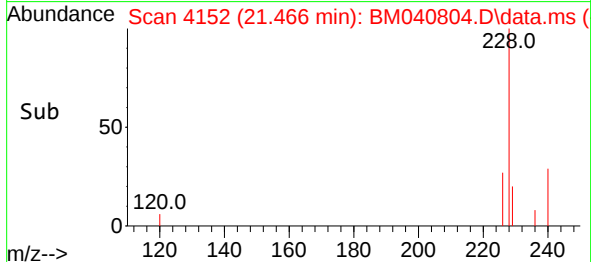
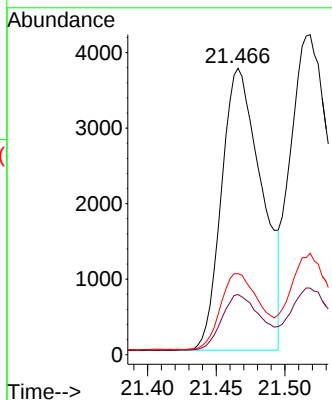


#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.466 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

Instrument :
BNA_M
ClientSampleId :
SSTD0.4169

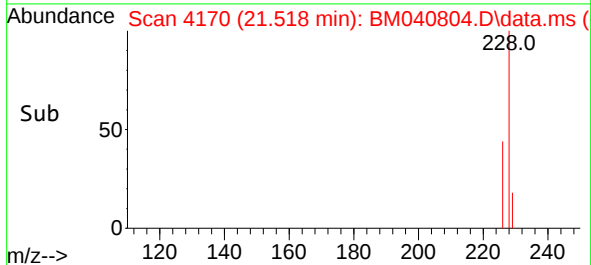
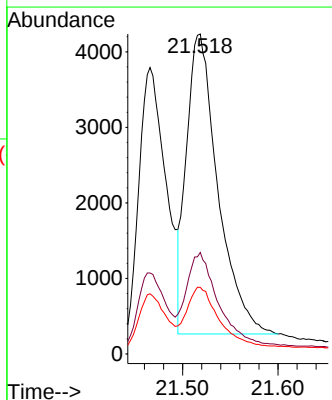
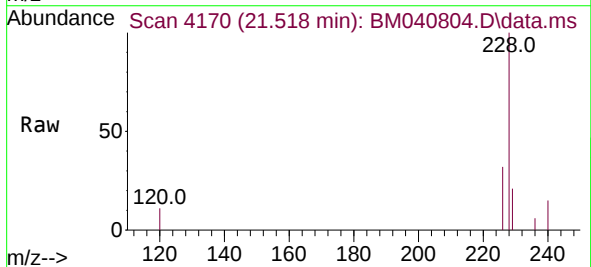


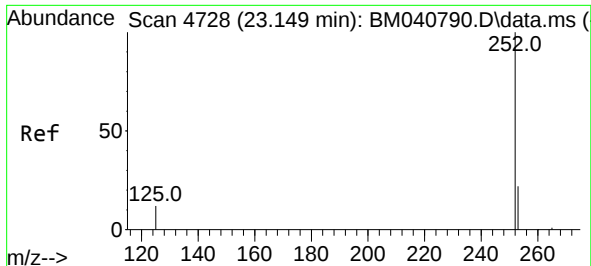
Tgt Ion:228 Resp: 7624
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.3 22.3 33.5



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

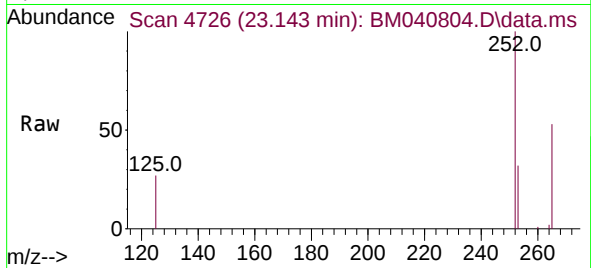
Tgt Ion:228 Resp: 9092
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 20.8 15.8 23.6



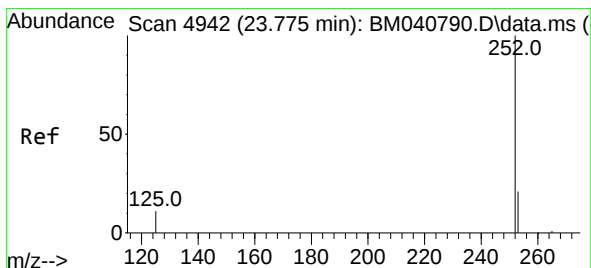
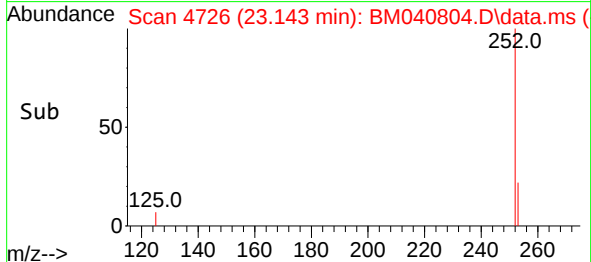
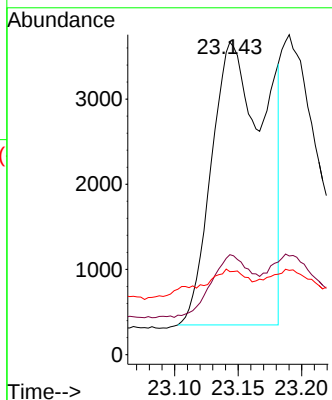


#24
Benzo(b)fluoranthene
Concen: 0.462 ng/ul
RT: 23.143 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

Instrument :
BNA_M
ClientSampleId :
SSTD0.4169

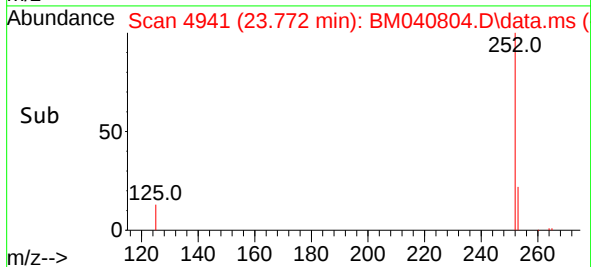
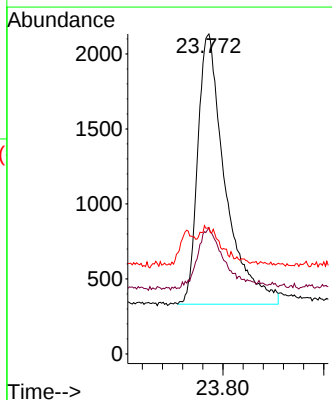
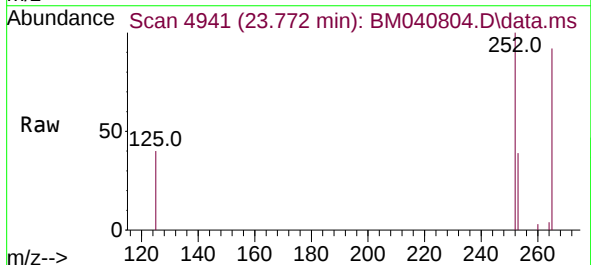


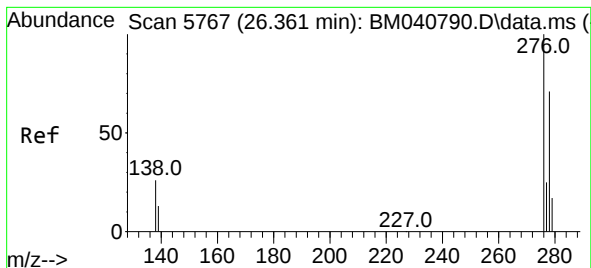
Tgt Ion:252 Resp: 9826
Ion Ratio Lower Upper
252 100
253 32.0 0.0 52.8
125 26.6 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.772 min Scan# 4941
Delta R.T. -0.003 min
Lab File: BM040804.D
Acq: 11 Jul 2023 09:40

Tgt Ion:252 Resp: 6788
Ion Ratio Lower Upper
252 100
253 39.3 22.9 34.3#
125 39.6 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.299 ng/ul

RT: 26.357 min Scan# 5

Delta R.T. -0.003 min

Lab File: BM040804.D

Acq: 11 Jul 2023 09:40

Instrument :

BNA_M

ClientSampleId :

SSTD0.4169

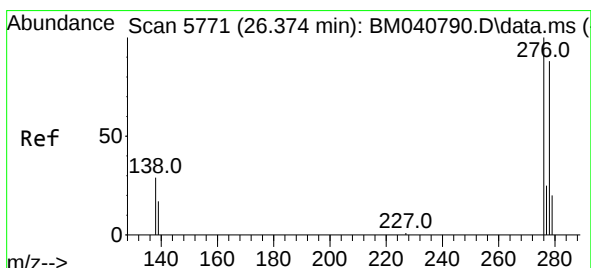
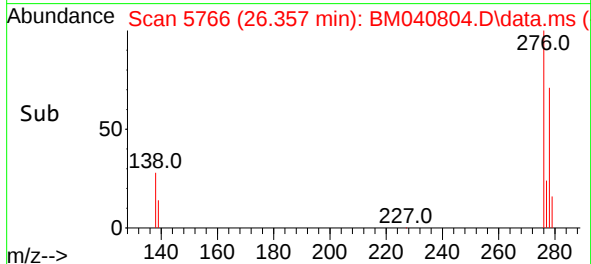
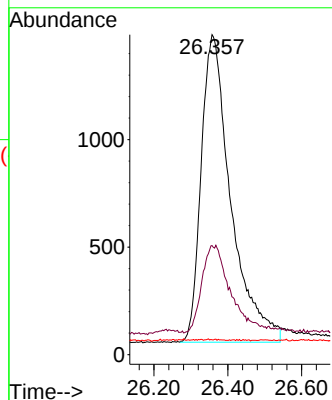
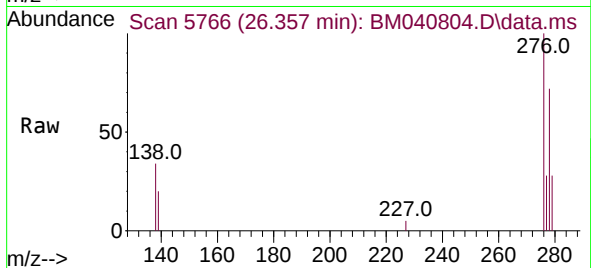
Tgt Ion:276 Resp: 7973

Ion Ratio Lower Upper

276 100

138 27.9 24.5 36.7

227 0.1 0.1 0.1



#28

Dibenzo(a,h)anthracene

Concen: 0.289 ng/ul

RT: 26.371 min Scan# 5770

Delta R.T. -0.003 min

Lab File: BM040804.D

Acq: 11 Jul 2023 09:40

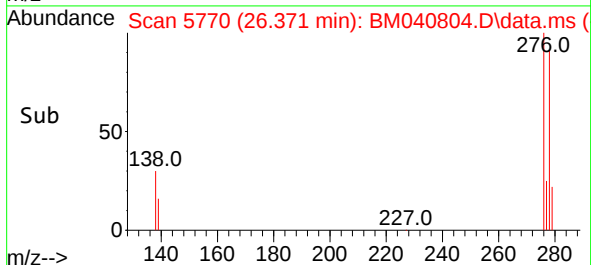
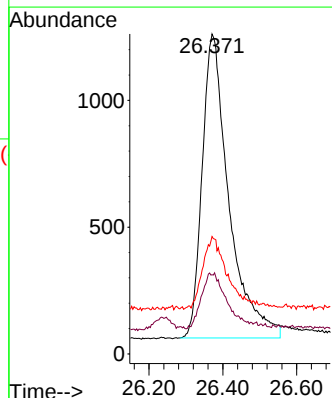
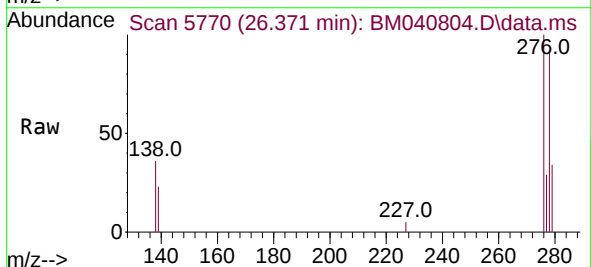
Tgt Ion:278 Resp: 6029

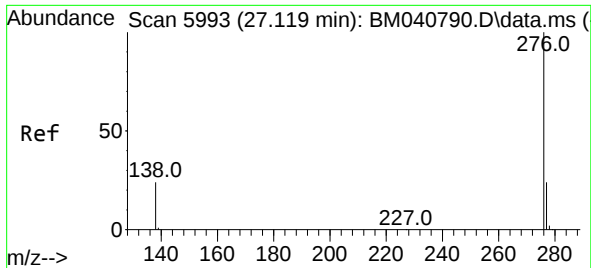
Ion Ratio Lower Upper

278 100

139 24.7 17.9 26.9

279 36.7 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.328 ng/ul
 RT: 27.119 min Scan# 5993
 Delta R.T. 0.000 min
 Lab File: BM040804.D
 Acq: 11 Jul 2023 09:40

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4169

Tgt Ion:	276	Resp:	7670
Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.0	34.6
277	28.9	20.3	30.5

